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REMARKS

By the above amendments, claim 10 has been amended, and claims 11-13 have been canceled without prejudice. No new matter is added. Claims 5-10 are pending in the application.

Claim Rejections Under 35 U.S.C. 103

Claims 5-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuroki (US 6,492,973) and Wilson (US 6,005,533), and further in view of Katabami (US 6,400,359).

By the above amendments, applicant has canceled claim 11-13 without prejudice. Therefore the rejection of claims 11-13 is now moot. Applicant submits that claims 5-10 are patentable over Kuroki and Wilson and further in view of Katabami, as follows:

Claim 5 recites in part:

...**a second transceiver unit** receiving the forward radio frequency waves from said second antenna, converting the forward radio frequency waves into the driving signals and separating the driving signals into x-direction image signals and y-direction image signals, and **converting input signals into backward radio frequency waves**...

Applicant submits that even if the combining of all of Kuroki, Wilson and Katabami is proper, claim 5 still has novel and unobvious features over the combination.

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Kuroki teaches a display system, and Wilson teaches a bi-directional communication system for image display devices. Moreover, Katabami teaches an electrostatic capacity type touch panel apparatus having a signal processing circuit 10 (see FIG. 1). However, the signal processing circuit 10 in Katabami is different from the second transceiver unit recited in claim 5. That is, any combination of Kuroki and Wilson and further in view of Katabami does not teach or suggest the limitations of "a second transceiver unit receiving the forward radio frequency waves...and converting input signals into backward radio frequency waves...", as recited in claim 5.

Furthermore, the display system as recited in claim 5 produces new and unexpected results. That is, the control unit of the display system is integrated in the interface unit so as to reduce the display module size of the display device, and the touch-screen display device is capable of two-way communication with the signal processing device.

In summary, any combination of Kuroki and Wilson and further in view of Katabami does not teach or suggest the above-highlighted limitations and features of claim 5. Accordingly, any such combination fails to teach or suggest the display system as recited in the claim. Claim 5 is submitted to be unobvious and patentable over Kuroki and Wilson, and further in view of Katabami under s.103. Reconsideration and withdrawal of the rejection and allowance of claim 5 are respectfully requested.

Claims 6-9 all depend directly from claim 5, and therefore should also be allowable.

Amended claim 10 recites in part:

...a transceiver unit receiving forward radio frequency waves...and converting input signals into backward radio frequency waves;...

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touch-screen display panel comprising a resistive type input signal detector...

For reasons similar to those asserted above in relation to claim 5, any combination of Kuroki and Wilson and further in view of Katabami does not teach or suggest the limitations of "a transceiver unit receiving the forward radio frequency waves...and converting input signals into backward radio frequency waves...", as recited in claim 10. Moreover, Katabami only teaches an electrostatic capacity type touch panel apparatus having a signal processing circuit 10 (see FIG. 1), which is quite different from the resistive type input signal detector recited in amended claim 10.

Furthermore, the display system as recited in amended claim 10 produces new and unexpected results. That is, the control unit of the display system is integrated in the interface unit so as to reduce the display module size of the display device, and the touch-screen display device is capable of two-way communication with the signal processing device.


In summary, any combination of Kuroki and Wilson and further in view of Katabami does not teach or suggest the above-highlighted features and limitations of amended claim 10. Accordingly, any such combination fails to teach or suggest the touch-screen display device as recited in the claim. Amended claim 10 is submitted to be unobvious and patentable over Kuroki and Wilson, and further in view of Katabami under s.103. Reconsideration and withdrawal of the rejection and allowance of amended claim 10 are respectfully requested.

In view of the foregoing, the present application as claimed in the pending claims is considered to be in a condition for allowance, and an action to such effect is earnestly solicited.

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Respectfully submitted,

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